

A case study approach to EPCM in light of construction project success in Malaysia

Abstract

It is undoubtedly true that procurement methods are positively related to the success of any construction project. As the construction industry expand rapidly, the need for a variety of procurement methods increases simultaneously. Taking into account the dynamic nature of large industrial projects, a more flexible and effective procurement method is needed. To address the problem, Engineering, Procurement, Construction and Management (EPCM) is perceived as an alternative solution, though minimal works on the EPCM contract have been undertaken. Drawing from the analyses of data collected in case studies of EPCM construction projects, the results of this paper demonstrate that the EPCM contract is the ideal procurement method for warehouse projects with respect to the time, cost, and quality that a customer will demand. The limitation and future research directions related to the EPCM contract are also discussed in this paper.